

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/000238

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C43/52 B29C43/42 B29C43/04
 //B29C43/08, B29C43/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 971 921 A (KARL MAGERLE) 7 October 1964 (1964-10-07) page 2, line 35 - line 94; figure 1	1-8
A	EP 1 293 332 A (SACMI COOPERATIVA MECCANICI IMOLA S.C.R.L.) 19 March 2003 (2003-03-19) column 5, line 26 - column 6, line 28; claim 7; figures 4,5,9	1-8
A	EP 0 645 227 A (HUSKY INJECTION MOLDING SYSTEMS LTD) 29 March 1995 (1995-03-29) column 6, line 15 - line 26; figures 1,2	1-8
A	US 2003/198708 A1 (PUCCI FABRIZIO) 23 October 2003 (2003-10-23) paragraph '0032! - paragraph '0040!; figures	1

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

18/05/2005

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 971921	A	07-10-1964	CH 415029 A	15-06-1966
			CH 439703 A	15-07-1967
			BE 616659 A	
			BE 697278 A	02-10-1967
			CH 459548 A	15-07-1968
			DE 1704197 A1	22-04-1971
			DE 1296336 B	29-05-1969
			ES 339548 A2	16-07-1968
			FR 92281 E	18-10-1968
			FR 1324471 A	19-04-1963
			GB 1135863 A	04-12-1968
			SE 304840 B	07-10-1968
			SE 331352 B	21-12-1970
			US 3313875 A	11-04-1967
EP 1293332	A	19-03-2003	IT B020010555 A1	14-03-2003
			EP 1293332 A2	19-03-2003
			US 2003066180 A1	10-04-2003
EP 0645227	A	29-03-1995	US 5383780 A	24-01-1995
			US 5421717 A	06-06-1995
			AT 169262 T	15-08-1998
			DE 69412197 D1	10-09-1998
			DE 69412197 T2	25-02-1999
			DK 645227 T3	10-05-1999
			EP 0645227 A1	29-03-1995
			ES 2122212 T3	16-12-1998
			US 5565223 A	15-10-1996
			US 5798074 A	25-08-1998
US 2003198708	A1	23-10-2003	IT B020020225 A1	23-10-2003
			AU 2003233993 A1	10-11-2003
			BR 0309494 A	09-02-2005
			CA 2483151 A1	06-11-2003
			WO 03090990 A1	06-11-2003
			EP 1497089 A1	19-01-2005